

CORRECTED VERSION

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number  
**WO 2005/063069 A3**

(51) International Patent Classification<sup>7</sup>: **A43B 7/06**,  
7/12, 13/12, B05D 7/24

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(21) International Application Number:  
PCT/EP2004/014717

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(22) International Filing Date:  
27 December 2004 (27.12.2004)

(81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
PD2003A000312  
30 December 2003 (30.12.2003) IT

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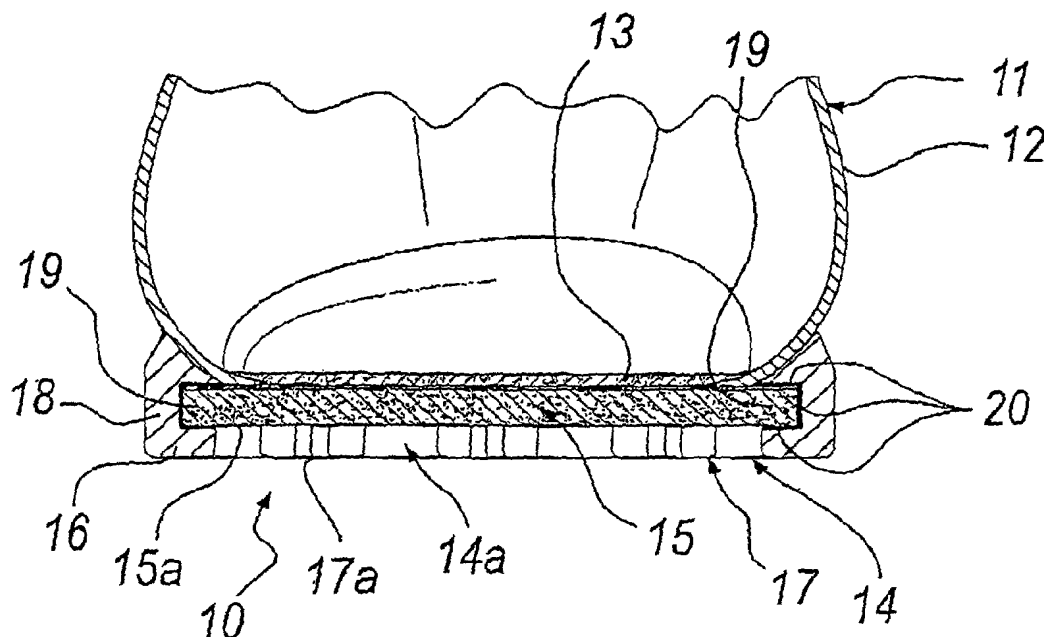
(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

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(54) **Title:** BREATHABLE WATERPROOF SOLE FOR SHOES



(57) **Abstract:** A waterproof breathable sole for shoes (10), which comprises, for at least part of its extension, at least two structural layers, a lower one (14) provided with a supporting structure so as to form the tread, and an upper one (15, 215) that is permeable to water vapor. The lower layer (14) has portions (14a, 114a) that are open onto the upper layer (15, 215). A coating (21, 221) obtained by means of a plasma deposition treatment for waterproofing is provided on the upper layer. In this manner, a layer is obtained that has structural functions and characteristics of resistance to damage and is at the same time waterproof and breathable.

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SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**(48) Date of publication of this corrected version:**

26 January 2006

**Published:**

— *with international search report*

**(15) Information about Correction:**

see PCT Gazette No. 04/2006 of 26 January 2006, Section II

**(88) Date of publication of the international search report:**

9 September 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*